

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A system for monitoring a physiological condition of an individual, comprising a sensor arranged ~~to pick~~pick up a first signal in a first mode of the system, ~~said~~the first signal being representative of ~~said~~the physiological condition and ~~to forward~~forwarding ~~said~~the first signal to a signal processing unit, a control unit ~~configured to be~~ positioned remote from the signal processing unit and selectively actuated to effect a system mode change ~~and positioned remote from said signal processing unit,~~ ~~said~~the control unit ~~configured to~~ generategenerating a second signal arranged ~~to be transmitted~~and transmitting the second signal to ~~said~~the sensor ~~and superimposed on the first signal,~~ ~~said~~the signal processing unit being arranged ~~to de~~decodedecoding the second signal and ~~to make~~making the system enter into a second mode upon receipt of the second signal, wherein ~~said~~the second signal is arranged ~~to be received by said~~the sensor as a disturbance of the first signal.

2. (Currently amended) The system according to claim 1, wherein the control unit comprises an electrode ~~to be arranged in~~for contact with the individual's skin, ~~said~~the electrode being

~~arranged to transmit~~transmitting the second signal.

3. (Currently amended) The system according to claim 2, wherein the system further comprises an RF-link ~~arranged to establish~~for establishing a wireless communication to a remote base unit, the second signal being a trigger signal for the RF-link to perform a predetermined operation.

4. (Previously Presented) The system according to claim 2, wherein the second signal comprises data to be processed by the signal processing unit.

5. (Currently amended) The system according to claim 1, wherein the second signal has ~~substantially a~~ same bandwidth as the first signal, the amplitude of the second signal being at least one order of magnitude smaller than the amplitude of the first signal.

6. (Currently amended) A system for selectively actuating a personal monitoring system, ~~said~~the personal monitoring system ~~being arranged to pick~~picking up a signal representative of a physiological condition of an individual, the system comprising a control unit ~~configured to control~~controlling the personal monitoring system by a generation of a suitable trigger signal which is transmitted to ~~said~~the personal monitoring system, and ~~configured to superimpose~~superimposing the trigger signal on

the signal representative of the monitored physiological condition to control an operating mode of the monitoring system, wherein the control unit is configured to produce~~produces~~ the trigger signal as a disturbance of the signal representative of the monitored physiological condition.

7. (Currently amended) The system according to claim 6, wherein the control unit comprises an electrode ~~to be arranged in a~~for contact with the individual's skin, ~~said~~the electrode being ~~arranged to transmit~~transmitting the trigger signal.

8. (Currently amended) The system according to claim 6, wherein the control unit comprises a user interface ~~arranged to operate~~said operating the control unit in a manual mode.

9. (Currently amended) The system according to Claim 8, wherein the control unit comprises ~~a~~an actuatable data input port ~~capable of being actuated~~ and a display.

10. (Canceled)

11. (Currently amended) The system according to claim 6, wherein upon receipt of the trigger signal, the control unit ~~is configured to perform~~performs a dedicated wakeup sequence.

12. (Currently amended) The system according to claim 11, wherein the dedicated wake-up sequence includes turning on of an RF-link that is otherwise always in an off-state unless responding to a prior dedicated wake-up sequence.

13. (Currently amended) The system according to claim 6, wherein the trigger signal is ~~arranged as a~~ dual-tone signal.

14. (Currently amended) The system according to claim 13, wherein the dual-tone signal is ~~arranged as a~~ substantially a 29.5 Hz continuous wave and 22.5 Hz on-off keyed signal.

15. (Currently amended) The system according to claim 13, wherein the dual-tone signal is ~~arranged as a~~ substantially a 129.5 Hz continuous wave and 122.5 Hz on-off keyed signal.

16. (Currently amended) The system according to claim 1, wherein upon receipt of the trigger signal, the signal processing unit ~~is configured to perform~~ performs a dedicated wakeup sequence.

17. (Currently amended) The system according to claim 16, wherein the dedicated wake-up sequence includes turning on of an RF-link that is otherwise always in an off-state unless responding to a prior dedicated wake-up sequence.

18. (Currently amended) The system according to claim 1, wherein the second signal is arranged ~~as a~~ dual-tone signal.

19. (Currently amended) The system according to claim 18, wherein the dual-tone signal is arranged ~~as a~~ substantially a 29.5 Hz continuous wave and 22.5 Hz on-off keyed signal.

20. (Currently amended) The system according to claim 18, wherein the dual-tone signal is arranged ~~as a~~ substantially a 129.5 Hz continuous wave and 122.5 Hz on-off keyed signal.

21. (Currently amended) A system for monitoring a physiological condition of an individual, comprising:

~~a sensor configured to pick~~for picking up a first signal in a first mode of the system, the first signal being representative of the physiological condition of the individual;

~~a signal processing unit, wherein the sensor is configured to forward~~forwards the first signal to the signal processing unit; and

~~a control unit configured to be positioned remote from the signal processing unit and selectively actuated to effect a system mode change and positioned remote from the signal processing unit, the control unit configured to generate and transmit~~generating and transmitting a second signal to the sensor superimposed on the first signal, the signal processing unit being ~~configured to decode~~decoding the second signal and to ~~initiate~~initiating the

system entering into a second mode based upon receipt of the second
| signal by the sensor, wherein the second signal is ~~configured to be~~
received by the sensor as a disturbance of the first signal.